Docket No. 2001-062-TAP

ABSTRACT OF THE DISCLOSURE

METHOD OF NON-DISRUPTIVE CAPACITY SCALING FOR A DATA STORAGE LIBRARY

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A method for scaling a media storage library is
provided, wherein the library comprises a plurality of
media storage cells and at least one media picker robot.
The method comprises connecting a new physical component

10 to a section of the library. Examples of new components
include additional robots, storage cell arrays, media
players, as well as connecting a second adjacent library
by means of a pass-through mechanism. Control software
integrates this new physical component into the function

15 of the library by auditing the content and function of
the new component. During the connection and functional
integration of the new component, the rest of the library
continues its current operations. The method may further
comprise defining at least one work zone within the

20 library, wherein robots do not enter the work zone but
continue to operate in other areas of the library.